

Atty Docket No. CGAB-210 USA**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS AND COMPOSITIONS FOR SYNTHESIS OF LONG CHAIN POLYUNSATURATED FATTY ACIDS**

the specification of which (check one) ☐ is attached hereto or ☒ was filed on 10 April 1998 as International Application No. PCT/US98/07126 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	<u>Priority Claimed</u>
	<u>Yes</u> <u>No</u>

Number	Country	Day/Month/Year Filed	_____	_____
--------	---------	----------------------	-------	-------

Number	Country	Day/Month/Year Filed	_____	_____
--------	---------	----------------------	-------	-------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

Application Number	Filing Date
_____	_____

Application Number	Filing Date
_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/834,655</u>	<u>11 April 1997</u>	<u>Pending</u>
Application Number	Filing Date	Status: Patented, Pending, Abandoned

Application Number	Filing Date	Status: Patented, Pending, Abandoned
_____	_____	_____

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT OFFICE CONNECTED THEREWITH:

Karl A. Limbach	18,689	W. Patrick Bengtsson	32,456	Kyla L. Harriel	P-41,816
George C. Limbach	19,305	Mark A. Dalla Valle	34,147	Mayumi Maeda	40,075
John K. Uilkema	20,282	Charles P. Sammut	28,901	Kent J. Tobin	39,496
Neil A. Smith	25,441	Mark C. Pickering	36,239	Christine S. Ring	P-42,106
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Michael R. Ward	38,651
Ronald L. Yin	27,607	Alan S. Hodes	38,185	Steven M. Santisi	40,157
Gerald T. Sekimura	30,103	Patricia Coleman James	37,155	Charles L. Hamilton	P-42,624
Michael A. Stallman	29,444	Alan A. Limbach	39,749	Andrew V. Smith	P-43,132
Philip A. Girard	28,848	Douglas C. Limbach	35,249	Heath W. Hoglund	41,076
Michael J. Pollock	29,098	Brian J. Keating	39,520	J. Thomas McCarthy	22,420
Stephen M. Everett	30,050	Seong-Kun Oh*			
Alfred A. Equitz	30,922	Cameron A. King	P-41,897		

\* Recognition under 37 CFR 10.9(b)

Send correspondence to Limbach & Limbach L.L.P.  
Attn: Michael R. Ward  
2001 Ferry Building  
San Francisco, CA 94111  
Telephone: 415/433-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with full name of sole or first inventor DEBORAH KNUTZON

Inventor's signature \_\_\_\_\_

Residence 6110 Rockhurst Way, Granite Bay, California 95746

Date \_\_\_\_\_

Citizenship U.S.A.

Post Office Address 6110 Rockhurst Way, Granite Bay, California 95746

2-00  
Full name of second joint inventor, if any, PRADIP MUKERJI

Inventor's signature \_\_\_\_\_

Pradip Mukerji

8/4/98

Date

Residence 1069 Arcaro Drive, Gahanna, Ohio 43230

Citizenship Republic of China, Canada U.S.A

Post Office Address 1069 Arcaro Drive, Gahanna, Ohio 43230

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT OFFICE CONNECTED THEREWITH:

Karl A. Limbach	<u>18,689</u>	W. Patrick Bengtsson	<u>32,456</u>	Kyla L. Harriel	<u>P-41,816</u>
George C. Limbach	<u>19,305</u>	Mark A. Dalla Valle	<u>34,147</u>	Mayumi Maeda	<u>40,075</u>
John K. Uilkema	<u>20,282</u>	Charles P. Sammut	<u>28,901</u>	Kent J. Tobin	<u>39,496</u>
Neil A. Smith	<u>25,441</u>	Mark C. Pickering	<u>36,239</u>	Christine S. Ring	<u>P-42,106</u>
Veronica C. Devitt	<u>29,375</u>	Kathleen A. Frost	<u>37,326</u>	Michael R. Ward	<u>38,651</u>
Ronald L. Yin	<u>27,607</u>	Alan S. Hodes	<u>38,185</u>	Steven M. Santisi	<u>40,157</u>
Gerald T. Sekimura	<u>30,103</u>	Patricia Coleman James	<u>37,155</u>	Charles L. Hamilton	<u>P-42,624</u>
Michael A. Stallman	<u>29,444</u>	Alan A. Limbach	<u>39,749</u>	Andrew V. Smith	<u>P-43,132</u>
Philip A. Girard	<u>28,848</u>	Douglas C. Limbach	<u>35,249</u>	Heath W. Hoglund	<u>41,076</u>
Michael J. Pollock	<u>29,098</u>	Brian J. Keating	<u>39,520</u>	J. Thomas McCarthy	<u>22,420</u>
Stephen M. Everett	<u>30,050</u>	Seong-Kun Oh*			
Alfred A. Equitz	<u>30,922</u>	Cameron A. King	<u>P-41,897</u>		

\* Recognition under 37 CFR 10.9(b)

Send correspondence to Limbach & Limbach L.L.P.  
Attn: Michael R. Ward  
2001 Ferry Building  
San Francisco, CA 94111  
Telephone: 415/433-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00  
 Full name of sole or first inventor DEBORAH KNUTZON

Inventor's signature Deborah Knutzon

Date 8/4/98

Residence 6110 Rockhurst Way, Granite Bay, California 95746

Citizenship U.S.A.

Post Office Address 6110 Rockhurst Way, Granite Bay, California 95746

2-00  
 Full name of second joint inventor, if any, PRADIP MUKERJI

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 1069 Arcaro Drive, Gahanna, Ohio 43230

Citizenship Republic of China; Canada

Post Office Address 1069 Arcaro Drive, Gahanna, Ohio 43230

Atty Docket No. CGAB-210 USA**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS AND COMPOSITIONS FOR SYNTHESIS OF LONG CHAIN POLYUNSATURATED FATTY ACIDS**

the specification of which (check one) ☐ is attached hereto or ☒ was filed on 10 April 1998 as International Application No. PCT/US98/07126 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
			Yes	No
Number	Country	Day/Month/Year Filed		
Number	Country	Day/Month/Year Filed		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Filing Date	Status: Patented, Pending, Abandoned
<u>08/834,655</u>	<u>11 April 1997</u>	<u>Pending</u>

3-00

Full name of third joint inventor, if any, YUNG-SHENG HUANG

Inventor's signature \_\_\_\_\_

Date

Residence 2462 Danvers Court, Upper Arlington, Ohio 43220

OH

Citizenship U.S.A.

Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220

4-00

Full name of fourth joint inventor, if any, JENNIFER THURMOND

Inventor's signature \_\_\_\_\_

Date

Residence 3702 Adirondack, Columbus, Ohio 43231

OH

Citizenship U.S.A.

Post Office Address 3702 Adirondack, Columbus, Ohio 43231

5-00

Full name of fifth joint inventor, if any, SUNITA CHAUDHARY

Inventor's signature \_\_\_\_\_

Date

Residence 3419 Woodbine Place, Pearland, Texas 77584

TX

Citizenship India

Post Office Address 3419 Woodbine Place, Pearland, Texas 77584

6-00

Full name of sixth joint inventor, if any, AMANDA EUN-YEONG LEONARD

Inventor's signature \_\_\_\_\_

Date

Residence 581 Shadewood Court, Gahanna, Ohio 43230

Citizenship U.S.A.

Post Office Address 581 Shadewood Court, Gahanna, Ohio 43230

3-00  
Full name of third joint inventor, if any, YUNG-SHENG HUANG  
Inventor's signature Y-S. Huang Date 8/4/98  
Residence 2462 Danvers Court, Upper Arlington, Ohio 43220 OH  
Citizenship U.S.A. Taiwan, Canada  
Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220

4-00  
Full name of fourth joint inventor, if any, JENNIFER THURMOND  
Inventor's signature Jennifer Thurmond Date 8-4-98  
3072 OH  
Residence 3702 Adirondack, Columbus, Ohio 43231  
Citizenship U.S.A.  
Post Office Address 3702 Adirondack, Columbus, Ohio 43231  
3072

Full name of fifth joint inventor, if any, SUNITA CHAUDHARY  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence 3419 Woodbine Place, Pearland, Texas 77584  
Citizenship India  
Post Office Address 3419 Woodbine Place, Pearland, Texas 77584

6-00  
Full name of sixth joint inventor, if any, AMANDA EUN-YEONG LEONARD  
Inventor's signature Amanda Eun-yeong Leonard Date 8/4/98  
Residence 581 Shadewood Court, Gahanna, Ohio 43230 OH  
Citizenship U.S.A.  
Post Office Address 581 Shadewood Court, Gahanna, Ohio 43230

Atty Docket No. CGAB-210 USA**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS AND COMPOSITIONS FOR SYNTHESIS OF LONG CHAIN POLYUNSATURATED FATTY ACIDS**

the specification of which (check one) ☐ is attached hereto or ☒ was filed on 10 April 1998 as International Application No. PCT/US98/07126 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
			Yes	No

Number	Country	Day/Month/Year Filed	_____	_____
--------	---------	----------------------	-------	-------

Number	Country	Day/Month/Year Filed	_____	_____
--------	---------	----------------------	-------	-------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) below.

Application Number	Filing Date
--------------------	-------------

Application Number	Filing Date
--------------------	-------------

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/834,655</u>	<u>11 April 1997</u>	<u>Pending</u>
Application Number	Filing Date	Status: Patented, Pending, Abandoned

Application Number	Filing Date	Status: Patented, Pending, Abandoned
--------------------	-------------	--------------------------------------

I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEYS WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT OFFICE CONNECTED THEREWITH:

Karl A. Limbach	18,689	W. Patrick Bengtsson	32,456	Kyla L. Harriel	P-41,816
George C. Limbach	19,305	Mark A. Dalla Valle	34,147	Mayumi Maeda	40,075
John K. Uilkema	20,282	Charles P. Sammut	28,901	Kent J. Tobin	39,496
Neil A. Smith	25,441	Mark C. Pickering	36,239	Christine S. Ring	P-42,106
Veronica C. Devitt	29,375	Kathleen A. Frost	37,326	Michael R. Ward	38,651
Ronald L. Yin	27,607	Alan S. Hodes	38,185	Steven M. Santisi	40,157
Gerald T. Sekimura	30,103	Patricia Coleman James	37,155	Charles L. Hamilton	P-42,624
Michael A. Stallman	29,444	Alan A. Limbach	39,749	Andrew V. Smith	P-43,132
Philip A. Girard	28,848	Douglas C. Limbach	35,249	Heath W. Hoglund	41,076
Michael J. Pollock	29,098	Brian J. Keating	39,520	J. Thomas McCarthy	22,420
Stephen M. Everett	30,050	Seong-Kun Oh*			
Alfred A. Equitz	30,922	Cameron A. King	P-41,897		

\* Recognition under 37 CFR 10.9(b)

Send correspondence to Limbach & Limbach L.L.P.  
Attn: Michael R. Ward  
2001 Ferry Building  
San Francisco, CA 94111  
Telephone: 415/433-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor DEBORAH KNUTZON

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 6110 Rockhurst Way, Granite Bay, California 95746

Citizenship U.S.A.

Post Office Address 6110 Rockhurst Way, Granite Bay, California 95746

Full name of second joint inventor, if any, PRADIP MUKERJI

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 1069 Arcaro Drive, Gahanna, Ohio 43230

Citizenship Republic of China, Canada

Post Office Address 1069 Arcaro Drive, Gahanna, Ohio 43230



Full name of third joint inventor, if any, YUNG-SHENG HUANG

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 2462 Danvers Court, Upper Arlington, Ohio 43220

Citizenship U.S.A.

Post Office Address 2462 Danvers Court, Upper Arlington, Ohio 43220

Full name of fourth joint inventor, if any, JENNIFER THURMOND

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence 3702 Adirondack, Columbus, Ohio 43231

Citizenship U.S.A.

Post Office Address 3702 Adirondack, Columbus, Ohio 43231

5-03

Full name of fifth joint inventor, if any, SUNITA CHAUDHARY

Inventor's signature S Chaudhary

Date 8/6/98

Residence 3419 Woodbine Place, Pearland, Texas 77584

Citizenship India

Post Office Address 3419 Woodbine Place, Pearland, Texas 77584

Full name of sixth joint inventor, if any, AMANDA EUN-YEONG LEONARD

Inventor's signature \_\_\_\_\_

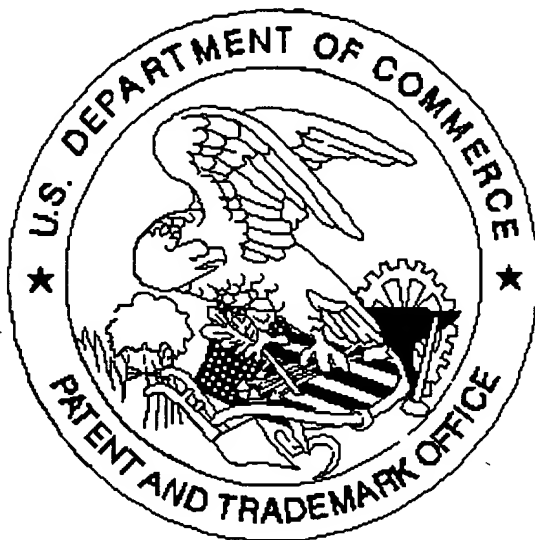
Date \_\_\_\_\_

Residence 581 Shadewood Court, Gahanna, Ohio 43230

Citizenship U.S.A.

Post Office Address 581 Shadewood Court, Gahanna, Ohio 43230

United States Patent & Trademark Office  
Office of Initial Patent Examination -- Scanning Division



Application deficiencies were found during scanning:

☒ Page(s) 142 of Specification were not present  
for scanning. (Document title)

☐ Page(s) \_\_\_\_\_ of \_\_\_\_\_ were not present  
for scanning. (Document title)

☐ Scanned copy is best available.

SCANNED5